

ABSTRACT

A method for providing a multicast service from a macrocell or a microcell to a mobile station in a mobile communication system having a hierarchical cell structure in which a given area is divided into at least one macrocell and at least one microcell overlapping with each other. The mobile station receives a multicast service by accessing the macrocell or the microcell according to a carrier-to-interference ratio (C/I) for the multicast service measured in a macrocell area and according to an existence or non-existence of a concurrent call currently in service. When there is no concurrent call currently in service, the mobile station receives the multicast service by accessing the macrocell in an area where the measured C/I is equal to or greater than a required C/I. However, when there is a concurrent call currently in service, the mobile station receives the multicast service by accessing the macrocell or the microcell based on the current cell and the C/I.